

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. PHLY-24,745	SERIAL NO. 09/382,375	RECEIVED OCT-6 TECH CENT
		APPLICANT Jeffry Jovan Philyaw and David Kent Mathews		
		FILING DATE August 24, 1999	GROUP 2756	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HN	1	4,002,886	01/11/77	Sundelin	235	61.7R	
HN	2	4,365,148	12/21/82	Whitney	235	383	
HN	3	4,780,599	10/25/88	Baus	235	383	
HN	4	4,785,296	11/15/88	Tabata et al.	340	731	
HN	5	4,833,308	05/23/89	Humble	235	383	
HN	6	4,845,634	07/04/89	Vitek et al.	364	468	
HN	7	4,901,073	02/13/90	Kibrick	341	13	
HN	8	4,916,293	04/10/90	Cartlidge et al.	235	375	
HN	9	4,959,530	09/25/90	O'Connor	235	383	
HN	10	5,038,023	08/06/91	Saliga	235	385	
HN	11	5,054,096	10/01/91	Beizer	382	41	
HN	12	5,088,045	02/11/92	Shimanaka et al.	364	468	
HN	13	5,111,391	05/05/92	Fields et al.	364	401	
HN	14	5,115,326	05/19/92	Burgess et al.	358	440	
HN	15	5,161,037	11/03/92	Saito	358	468	
HN	16	5,161,214	11/03/92	Addink et al.	395	145	
HN	17	5,182,705	01/26/93	Barr et al.	364	401	
HN	18	5,189,630	02/23/93	Barstow et al.	364	514	
HN	19	5,191,525	03/02/93	LeBrun et al.	364	419	
HN	20	5,198,644	03/30/93	Pfeiffer et al.	235	383	
HN	21	5,235,654	08/10/93	Anderson et al.	382	61	
HN	22	5,241,402	08/31/93	Aboujaoude et al.	358	406	
HN	23	5,243,531	09/07/93	DiPippo et al.	364	468	
HN	24	5,288,976	02/22/94	Citron et al.	235	375	

HN	25	5,296,688	03/22/94	Hamilton et al.	235	375	RECEIVED OCT -6 2000 TECH CENTER 2700
HN	26	5,304,786	04/19/94	Pavlidis et al.	235	462	
HN	27	5,324,922	06/28/94	Roberts	235	375	
HN	28	5,331,547	07/19/94	Laszlo	364	413.0	
HN	29	5,340,966	08/23/94	Morimoto	235	376	
HN	30	5,362,948	11/08/94	Morimoto	235	376	
HN	31	5,382,779	01/17/95	Gupta	235	383	
HN	32	5,386,298	01/31/95	Bronnenberg et al.	358	403	
HN	33	5,398,336	03/14/95	Tantry et al.	395	600	
HN	34	5,405,232	04/11/95	Lloyd et al.	414	280	
HN	35	5,418,713	05/23/95	Allen	364	403	
HN	36	5,420,403	05/30/95	Allum et al.	235	375	
HN	37	5,420,943	05/30/95	Mak	382	313	
HN	38	5,424,524	06/13/95	Ruppert et al.	235	462	
HN	39	5,491,508	02/13/96	Friedell et al.	348	16	
HN	40	5,493,107	02/20/96	Gupta et al.	235	383	
HN	41	5,519,878	05/21/96	Dolin, Jr.	395	800	
HN	42	5,530,852	06/25/96	Meske, Jr. et al.	396	600	
HN	43	5,572,643	11/05/96	Judson	395	793	
HN	44	5,592,551	01/07/97	Lett et al.	380	20	
HN	45	5,594,226	01/14/97	Steger	235	379	
HN	46	5,602,377	02/11/97	Beller et al.	235	462	
HN	47	5,649,186	07/15/97	Ferguson	395	610	
HN	48	5,671,282	09/23/97	Wolff et al.	380	25	
HN	49	5,675,721	10/07/97	Freedman et al.	395	129	
HN	50	5,682,540	10/28/97	Klotz, Jr. et al.	395	766	
HN	51	5,694,163	12/02/97	Harrison	348	13	
HN	52	5,710,887	01/20/98	Chelliah et al.	395	226	
HN	53	5,745,681	04/28/98	Levine et al.	395	200.3	
HN	54	5,754,906	05/19/98	Yoshida	396	448	
HN	55	5,757,917	05/26/98	Rose et al.	380	25	

HN	56	5,764,906	06/09/98	Edelstein et al.	395	200.49	RECEIVED OCT -6 2000 TECH CENTER 271
HN	57	5,765,176	06/09/98	Bloomberg	707	514	
HN	58	5,774,664	06/30/98	Hidary et al.	395	200	
HN	59	5,778,367	07/07/98	Wesinger, Jr. et al.	707	10	
HN	60	5,791,991	08/11/98	Small	463	41	
HN	61	5,796,952	08/18/98	Davis et al.	305	200.54	
HN	62	5,804,803	09/08/98	Cragun et al.	235	375	
HN	63	5,815,776	09/29/98	Nukada	399	174	
HN	64	5,832,223	11/03/98	Hara et al.	395	200.47	
HN	65	5,833,468	11/10/98	Guy et al.	434	350	
HN	66	5,848,202	12/08/98	D'Eri et al.	382	306	
HN	67	5,848,413	12/08/98	Wolff	707	10	
HN	68	5,854,897	12/29/98	Radziewicz et al.	709	224	
HN	69	5,864,823	01/26/99	Levitan	105	14	
HN	70	5,869,819	02/09/99	Knowles et al.	235	375	
HN	71	5,905,248	05/18/99	Russell et al.	235	462	
HN	72	5,905,665	05/18/99	Rim	364	746	
HN	73	5,905,865	05/18/99	Palmer et al.	395	200.47	
HN	74	5,913,210	06/15/99	Call	707	4	
HN	75	5,915,090	06/22/99	Joseph et al.	709	202	
HN	76	5,918,214	06/29/00	Perkowski	705	27	
HN	77	5,925,865	07/20/99	Steger	235	379	
HN	78	5,929,850	07/27/99	Broadwin et al.	345	327	
HN	79	5,932,863	08/03/99	Rathus et al.	235	462.15	
HN	80	5,948,061	09/07/99	Merriman et al.	709	219	
HN	81	5,957,695	09/28/99	Redford et al.	434	307R	
HN	82	5,960,411	09/28/99	Hartman et al.	705	26	
HN	83	5,961,603	10/05/99	Kunkel et al.	709	229	
HN	84	5,970,471	10/19/99	Hill	705	26	
HN	85	5,970,472	10/19/99	Allsop et al.	705	26	
HN	86	5,971,277	10/26/99	Cragun et al.	235	462.01	

87	5,974,443	10/26/99	Jeske	709	202	
88	5,974,451	10/26/99	Simmons	709	218	
89	5,976,833	11/02/99	Furukawa et al.	435	69.1	
90	5,978,773	11/02/99	Hudetz et al.	709	219	
91	5,991,739	11/23/99	Cupps et al.	705	26	
92	5,992,752	11/30/99	Wilz, Sr. et al.	235	472.01	
93	5,995,105	11/30/99	Reber et al.	345	356	
94	6,002,394	12/14/99	Schein et al.	345	327	
95	6,003,073	12/14/99	Solvason	709	219	
96	6,006,257	12/21/99	Slezak	709	219	
97	6,009,410	12/28/99	LeMole et al.	709	219	
98	6,009,465	12/28/99	Decker et al.	709	219	
99	6,012,102	01/04/00	Shachar	710	5	
100	6,018,764	01/25/00	Field et al.	709	217	
101	6,049,539	04/11/00	Lee et al.	370	355	
102	6,064,929	05/16/00	Perkowski	705	26	
103	6,108,656	08/22/00	Durst et al.	707	10	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	F1	WO 95/10813	10/14/94	PCT	G06F	15/403	NO
	F2	WO 96/07146	9/1/95	PCT	G06F	17/00	NO
	F3	WO 97/37319	2/20/97	PCT	G06K	7/10	NO
	F4	WO 98/03923	1/29/98	PCT	G06F	15/163	NO
	F5	WO 98/06055	2/12/98	PCT	G06F	163/00	NO
	F6	WO 98/09243	8/22/97	PCT	G06F	19/00	NO
	F7	WO 98/19259	5/7/98	PCT	G06F	17/60	NO
	F8	WO 98/40823	9/17/98	PCT	G06F	13/00	NO
	F9	WO 99/63457	6/3/99	PCT	G06F	17/30	NO
	F10	EP 0 961 250 A2	12/1/99	EP	G07F	19/00	NO
	F11	JP 10188140A	12/24/96	JP	G07G	1/12	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

HN	D1	"Group Decision Support System: Development and Application", Energy Systems, Westinghouse, Pittsburgh, PA
HN	D2	"New Technologies in Credit Card Authentication", Pieter de Bryne, Institute for Communications Technology, Zurich, Switzerland
HN	D3	"AVITAL, a Private Teaching System by Fax Communication", Atsusji Iizawa, Norio Sugita, Shitara and Hideko Kunii, Software Research Center, Tokyo, Japan
HN	D4	"Document on Computer" USPS Technical Support Center, Norman, OK
HN	D5	"Development of a Commercially Successful Wearable Data Collection System", Symbol Technologies, Inc.
HN	D6	"What do forward looking companies consider in their plans and developments?", A.G. Johnston, Nestle
HN	D7	"The Automation Synergy", Neves and Noivo, Portugal
HN	D8	"Integration of Hand-Written Address Interpretation Technology into the United States Postal Service Remote Computer Reader System", Srihari (CEDAR, SUNY at Buffalo) and Kueberg (U.S. Postal Service, VA)
HN	D9	"Paper Based Document Security - A Review", van Renesse, TNO Institute of Applied Physics, The Netherlands
HN	D10	"IEEE Standard for Bar Coding for Distribution Transformers" Transformers Committee of the IEEE Power Engineering Society, The Institute of Electrical and Electronics Engineers, Inc. NY
HN	D11	"The Stylus™-Shopping from Home", STYLUS Innovation, MA
HN	D12	"Distributing Uniform Resource Locators as Bar Code Images", IBM Technical Disclosure Bulletin, Jan 1996
HN	D13	"Bar Code Method for Automating Catalog Orders", IBM Technical Disclosure Bulletin, September 1998
HN	D14	"Bar-Code Recognition System Using Image Processing", Kuroki, Yoneoka et al., Hitachi Research Laborator
EXAMINER <i>[Signature]</i>		DATE CONSIDERED 5/30/02
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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